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Transmittal Cover Sheet**From:**
ATC, Intellectual Property Dept.**Tel:**
724-337-4185**E-Mail:**
peter.borghetti@alcoa.com

To:	Fax No:	Company:	Phone No.:
Certificate of Corrections Branch	571-273-8300	US PTO	

File No.: 01-0012 CIP

Re: Patent No.: 7,154,065
Issue Date: December 26, 2006
Serial No.: 10/821,734
Filing Date: April 8, 2004
Examiner: TRAN, Len
Art Unit: 1725

Certificate

SEP 29 2008

of Correction

Date: September 25, 2008**No. Pages:** Including Cover Sheet 8**Notes:** Please find enclosed the following documents relating to the above-cited case:

- 1) Transmittal Form consisting of one (1) page,
- 2) a Request for a Certificate of Correction consisting of four (4) pages,
- 3) a Certificate of Correction consisting of one (1) page, and
- 4) a copy of an Issue Fee Transmittal Form having one (1) page.

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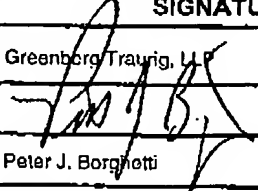
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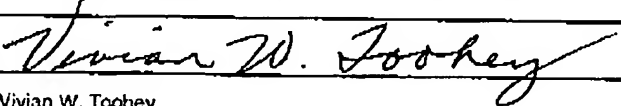
PTO/SB/21 (09-06)

Approved for use through 03/31/2007. OMB 0651-0031
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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/821,734	
	Filing Date	April 8, 2004	
	First Named Inventor	Richard P. Marukanitz	
	Art Unit	1725	
	Examiner Name	TRAN, Len	
Total Number of Pages in This Submission	7	Attorney Docket Number	01-0012 CIP

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Request for a Certificate of Correction Under 37 CFR 1.322 Certificate of Correction Form PTO SB/44 Copy of Issue Fee Transmittal Form
Remarks PLEASE DIRECT ALL CORRESPONDENCE TO CUSTOMER NO. 08840		
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm Name	Greenberg Traurig, LLP	
Signature		
Printed name	Peter J. Borghetti	
Date	September 25, 2008	Reg. No. 42,345

CERTIFICATE OF TRANSMISSION/MAILING		
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:		
Signature		
Typed or printed name	Vivian W. Toohey	Date September 25, 2008

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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I hereby certify that this correspondence is being facsimile transmitted to the U.S. Patent and Trademark Office (Fax No. (571) 273-8300) on September 25, 2008.

Typed or printed name of person signing this certificate:
Vivian W. Toohey

Signature: Vivian W. Toohey

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

US Pat. No.	:	7,154,065	Confirmation No. 1526
Issue Date	:	December 26, 2006	
Appl. No.	:	10/821,734	
Applicants	:	Martukanitz et al.	
Filed	:	April 8, 2004	
TC/A.U.	:	1725	
Examiner	:	TRAN, Len	
Docket No.	:	01-0012 CIP	
Customer No.	:	08840	
Title	:	"Laser-Hybrid Welding with Beam Oscillation"	

To: Certificate of Corrections Branch
Commissioner for Patents
P.O. Box 1450
Alexandria, VA, 22313-1450

REQUEST FOR A CERTIFICATE OF CORRECTION
UNDER 37 CFR 1.322

Sir:

In the matter of U.S. Patent No. 7,154,065, issued December 26, 2006, a check of same against the files of the attorney of record indicates that mistakes described in the attached Form PTO 44 were made by the Office.

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SEP 29 2008

Attorney Docket No.: 01-0012 CIP
Patent No.: 7,154,065

More specifically, the following mistakes, corrected in Form PTO 44, are of a clerical or typographical nature:

Title Page, Section (73) Assignee: delete "Alcon" and insert --Alcoa--.

Column 3, line 15, after 'of' delete " - ".

Column 6, line 10, line 12 of Claim 1, after 'the', delete "pool" and insert --pool--.

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Attorney Docket No.: 01-0012 CIP
Patent No.: 7,154,065

REMARKS

The following requested corrections are attributable to errors made by the Office:

Title Page, Section (73) Assignee: delete "Alcon" and insert --Alcoa--. Evidence supporting this correction can be found in the Issue Fee Transmittal Form which was filed with the U.S. Patent and Trademark Office on November 13, 2006, a copy of which is enclosed herewith.

Column 3, line 15, after 'of' delete " - ". Evidence supporting this correction can be found in the application which was filed with the U.S. Patent and Trademark Office on April 8, 2004, line 6 of paragraph [0012].

Column 6, line 10, line 12 of Claim 1, after 'the', delete "pooi" and insert --pool--. Evidence supporting this correction can be found in the Amendment After Final Rejection which was filed with the U.S. Patent and Trademark Office on July 24, 2006, page 2, line 9 of Claim 1.

Under 35 U.S.C. 254, whenever a mistake in a patent, incurred through fault of the Patent and Trademark Office, is clearly disclosed by the records of the Office, the Director may issue a certificate of correction stating the fact and nature of such mistake, under seal, without charge.

However, the Commissioner is hereby authorized to charge any fee(s) and credit any overpayment to our Deposit Account No. 01-1000, Order 01-0012 CIP.

Since the above-mentioned spelling issues are correctly disclosed by the records filed with the Office, Applicants respectfully request a Certificate of Correction since these corrections are important for a full understanding of the claims as issued.

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Attorney Docket No.: 01-0012 CIP
Patent No.: 7,154,065

If there are any questions remaining please call Peter J. Borghetti at (724) 337-4185.

Dated: 9/25/08

Respectfully submitted,
Stol et al., APPLICANTS

By: 

Peter J. Borghetti
Reg. No. 42,345
Attorney for Applicants
Greenberg Traurig, LLP
c/o Alcoa Technical Center
1000 Technical Drive
Alcoa Center, PA 15069

PTO Customer Number:
08840

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Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

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PTO/SB/44 (04-05)
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(Also Form PTO-1050)

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO. : 7,154,065

Page 1 of 1

APPLICATION NO.: 10/821,734

ISSUE DATE : December 26, 2006

INVENTOR(S) : Richard P. Martukanitz and Israel Stol

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the Title Page, Section (73) Assignee: delete "Alcon" and insert --Alcoa--.

Column 3, line 15, after 'of' delete " - ".

Column 6, line 10, line 12 of Claim 1, after 'the', delete "pool" and insert --pool--.

MAILING ADDRESS OF SENDER (Please do not use customer number below):

Greenberg Traurig, LLP
c/o Alcoa Technical Center
100 Technical Drive, C70
Alcoa Center, PA 15069

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with

Applicable fee(s), to: **Mail** Mail Stop ISSU, P.O. Box 1450
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 Alexandria, Virginia 22313-1450
 or **Fax** (571)-273-2885

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INSTRUCTIONS: This form should be used for transmitting the **ISSUE FEE** and **PUBLICATION FEE** (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

08840 7590 09/01/2006

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Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

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Nancy Bayne	(Depositor's name)
<i>Nancy Bayne</i>	(Signature)
11/15/2006	(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/821,734	04/08/2004	Israel Stol	01-0012 [370024-00010]	1526

TITLE OF INVENTION: LASER-HYBRID WELDING WITH BEAM OSCILLATION 09/26/2008 MAR212 00000001 011000 10821734

01 FC:1501 1440.00 DA
 02 FC:1504 300.00 DA

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$0	\$1700	12/01/2006

EXAMINER	ART UNIT	CLASS-SUBCLASS
TRAN, LEN	1725	219-121640

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
 (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 The Webb Law Firm

2 Julie W. Meder

3

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

Alcoa Inc.

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Pittsburgh, Pennsylvania

The Penn State Research Foundation

University Park, Pennsylvania

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are submitted:

- ☒ Issue Fee
☒ Publication Fee (No small entity discount permitted)
☐ Advance Order - # of Copies

4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)

- ☐ A check is enclosed.
☐ Payment by credit card. Form PTO-2038 is attached.
☒ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number 01-1000 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.
☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature *Mauri A. Sankus*

Date Nov. 15, 2006

Typed or printed name Mauri A. Sankus

Registration No. 42,275

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